Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

HW 34: Reflections Day 1

**Honors Geometry**

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| 1. Describe the process for finding the reflection of a pre-image across a horizontal or vertical axis.  What must be true in order to be able to use your process? | | Justify your process by providing an example below. |
| 1. Reflect the triangle MCP, across . Graph the pre-image and image and label using correct notation. | 1. Reflect the quadrilateral FDIG,   across the | |

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| C:\Users\kramos\Dropbox\Math Materials - KMR\Images\Coordinate_Grid_XYAxis.PNGC:\Users\kramos\Dropbox\Math Materials - KMR\Images\Coordinate_Grid_XYAxis.PNG4) Use a reflection in the x-axis to draw the other half of the figure: \*COPY INTO NOTEBOOK  a) b) |
| c) Describe, in at least 1 full sentence, the strategy you used to draw in the second half. |

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| **Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 8.30.55 PM.png**5) Determine whether or not each of the functions below is parallel to *f(x)* =   1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\.25x+1.PNG b) c) *h(x)*= - |